



A-68918/ENB

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Signed:

[Signature]
Laura Lee Mosier

#2110
Bell
5-203

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
JOHN H. HEANUE et al.

Serial No.: 09/491,429

Filed: January 26, 2000

For: WIDELY TUNABLE LASER

Group Art Unit: 2828

Examiner: Rodriguez, Armando

Date: April 22, 2003

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment is in response to the Office Action mailed March 31, 2003.

IN THE CLAIMS

Amend the following claims to read:

1. (Four Times Amended) A tunable single mode laser microassembly operable over a range of wavelengths comprising a source for providing a light along an optical path with any wavelength from the range of wavelengths, a diffractive element positioned in the optical path and spaced from the source by a first distance to redirect the light, a reflective element positioned in the optical path and spaced from the diffractive element by a second distance to receive the redirected light from the diffractive element and to redirect the light back towards the diffractive element, the light being redirected by the diffractive element back towards the source, and an electromechanical micro-actuator coupled to one of the diffractive element and the reflective element for causing angular movement of such element to permit selection of a single wavelength from the range of wavelengths by altering the optical path of the light.

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